

# **PROCESS FOR CLEANING OF THE HYDROCHLORIC ACID CONTENT OF THE TECHNOLOGICAL ENDGASES ORIGINATING IN PHOSGENE SYNTHESIS**

**Publication number:** HU0203023 (A2)

**Also published as:**

**Publication date:** 2004-03-01

⌈ HU0203023 (A3)

**Inventor(s):** MOGYORODI FERENC DR [HU] + (MOGYORODI FERENC DR)

**Applicant(s):** MOGYORODI FERENC DR [HU] + (MOGYORODI FERENC DR,  
; MOGYORODI FERENC, MISKOLC)

**Classification:**

- international: **C07C68/02; C07C68/00;** (IPC1-7): C07C68/02

- European:

**Application number:** HU20020003023 20020916

**Priority number(s):** HU20020003023 20020916

Abstract not available for **HU 0203023 (A2)**

---

Data supplied from the **espacenet** database — Worldwide

L1 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2010 ACS on STN  
 AN 2007:767427 HCAPLUS Full-text  
 DN 147:277141  
 TI Process for cleaning of the hydrochloric acid content of the  
 technological  
 end-gases originating in phosgene synthesis  
 IN Mogyorodi, Ferenc  
 PA Hung.  
 SO Hung. Pat. Appl., 12 pp.  
 CODEN: HUXXCV  
 DT Patent  
 LA Hungarian  
 FAN, CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	----
PI	HU 2002003023	A2	20040301	HU 2002-3023	
20020916 <--					
	HU 2002003023	A3	20041129		
PRAI	HU 2002-3023		20020916		

AB According to the invention, the technol. hydrochloric acid and  
 gases formed during phosgene synthesis are treated in one or more  
 steps with an absorption washing liquid that is able to extract  
 the organic contaminations, then having been freed of organic  
 contaminations, the hydrochloric acid gas is used to produce a  
 pure hydrochloric acid solution or it is dehydrated by adding  
 phosgene and used for oxychlorination.

L3 ANSWER 3 OF 5 WPIX COPYRIGHT 2010 THOMSON REUTERS on STN  
 AN 2004-350106 [200433] WPIX Full-text  
 DNC C2004-133019 [200433]  
 TI Purification of hydrochloric acid gases separated from end-gases  
 resulting  
 from synthetic preparations involving phosgene  
 DC E16; E36; J01  
 IN MOGYORODI F  
 PA (MOGY-I) MOGYORODI F  
 CYC 1  
 PI HU 2002003023 A2 20040301 (200433)\* HU 1[0]  
 <--  
 ADT HU 2002003023 A2 HU 2002-3023 20020916  
 PRAI HU 2002-3023 20020916  
 IPCR C07C0068-00 [I,C]; C07C0068-02 [I,A]  
 AB HU 200203023 A2 UPAB: 20050528  
 NOVELTY - Hydrochloric acid gas (HCl gas) separated from end  
 gases evolved during chemical syntheses involving phosgene is  
 purified in a single or in several stages using absorbing  
 elutriating liquids that are capable of removing organic compounds.  
 The organic compound-free gas is used in the preparation of pure  
 HCl acid solutions, or by dewatering the gas with phosgene, for  
 oxychlorination.  
 USE - Used for the purification of hydrochloric acid gases  
 separated from end-gases resulting from synthetic preparations  
 involving phosgene.  
 MC CPI: E11-Q01; E31-B02; J01-E02